

ABSTRACT

A data storage system in which a several processors communicate with each other includes a shared memory that is accessible to each of the processors. The shared memory has a message section having a message list made up of an ordered sequence of message slots in which processors leave message for each other. Each message slot includes a static-information repository for static information specifying all intended recipients of a message carried by the message slot as well as a dynamic-information repository for dynamic information specifying which of the intended recipients have already encountered the message slot.

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